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IN THE WRITTEN DESCRIPTION

Please amend the paragraph beginning at Page 1, line 16, as follows:

Figure 8 is a schematic structural diagram of a frame transmission system 500 ~~(Transmission system)~~. In the frame transmission system 500, shown in Figure 8, for example, a client terminal 43 of a personal computer can utilize Ethernet over SONET transmission using a long distance LAN (*Local Area Network*) or latter-mentioned VLAN (*Virtual Local area Network, Virtual LAN*~~, Virtual LAN~~), and provides a ring transmission circuit 50f that comprises an optical fiber, SONET multiplex isolation devices 500a~500d that interface between each Ethernet interface and SONET interface, and LAN switches 400a~400d ~~40a~40d~~ that correspond to the Ethernet. Further, a SONET multiplex isolation device is also called a SONET-ADM (Synchronous Optical NETwork and Add and Drop Multiplex [*Synchronous Optical NETwork and Add&Drop Multiplexer*]) device, ADM device, ADM or ADM node, below, without any specifically determined limits, called simply ADM node.

Please amend the paragraph beginning at Page 2, line 16, as follows:

Then, each ADM node 500a~500d has a SONET interface part (omitted from the figures) and an Ethernet interface part. Figure 9 is a block diagram of the Ethernet over SONET interface part during 2 switch use. The Ethernet interface part 130 that is shown in this Figure 9 provides a 1 gigabit Ethernet card (*GbE: 1 Giga Bit Ethernet Card*) [[103]] 10e, an optical-electrical conversion part 10d that mutually converts Ethernet frame and SONET frame from this 1 gigabit Ethernet card 10e, a SONET frame, a transmission frame transmitting part 135 that sends a plurality of SONET frames by switching to 1-to-N, a 1st STS interface part 10a with mapping of N types of SONET frames that are switched for a time slot having a format of things like STS 1, a selector 10c that selects a local address SONET frame from the time slots and the frame receiving part 136 that isolates that selected SONET frames in plurality.

Please amend the paragraph beginning at Page 10, line 18, as follows:

Figure 1 is a schematic structural diagram of an exemplary frame transmission system according to the present invention. The frame transmission system 99 shown in Figure 1 provides an Ethernet interface part 10 and 44. ADM nodes (SONET multiplex isolation devices) 50a~50d preferably having this SONET interface part (SONET interface device). In one embodiment, an Ethernet frame that is input in any of these ADM nodes 50a~50d is encapsulated in a SONET frame with a SONET, which is a synchronous optical network preferably has a STS path ID (STS path identifier) inserted. Thus, a SONET frame is transmitted to any of the other ADM nodes 50a~50d via ultra-high speed transmission of optical fibers (1-to-1 transmission), or transmitted to a plurality of ADM nodes of any other ADM node among the other ADM nodes 50a~50d (1-to-N transmission). Thus, a wide-range Ethernet is formed.

Please amend the paragraph beginning at Page 11, line 1, as follows:

In one embodiment, the frame transmission system 99 provides a ring transmission circuit 50f that transmits SONET frames, ADM nodes 50a~50d that are established in ring transmission circuit 50f, and LAN switches 42a~42d that are respectively connected of to ADM nodes 50a~50d. A client terminal 43 that is operatively connected to LAN switches 42b~42d is also desirable. Finally, [[A]] a network control device 99a that is operatively connected to ADM nodes 50a~50d may also be included.

Please amend the paragraph beginning at Page 15, line 4, as follows:

In one embodiment, this group 53 has a LAN switch 54 that supports the VLAN, business client terminals 53a, 53b, research department client terminal 53c and client terminal 53d that is affiliated with the business department or research department. Further, group 51 has LAN switch 56 that supports VLAN, business department client terminal 51a, research department client terminals 51b and 51c. Also, group 52 has LAN switch 56 that supports VLAN, business department client terminals 52a, 52b and research department client terminals 52c. Also, LAN switches 54, 55, 56 have the same function as, respectively, LAN switches 42a~42d. Each client terminal 53a, 53b, 53c, 53d and 51a, 51b,51c and 52a, 52b, 52c, all, have the same function as client terminal 43.

Please amend the paragraph beginning at Page 20, line 12, as follows:

Here, a 1st STS interface part 10a maps Ethernet frames that have frame forms like, for example, STS-3c (150 Mbps) and STS-12c (600 Mbps) for payload of STS frames like STS-1, and has a plurality of STS frame conversion circuits (omitted from figures). The transmission capacity between these STS frame conversion circuits and a plurality of switch fabrics 12 (refer to Figure 5) is at 2.5 Gbps (2488.32 Mbps), physically, being at 2.4 Gbps for a payload segment with overhead eliminated (Corresponding to the OC-48 section[[.]]).

Please amend the paragraph beginning at Page 22, line 26, as follows:

In one embodiment, ID inserting part 17d (refer to Figure 6) inserts each opposing ADM node 50b~50d STS path ID of the frame receiving destination other than a local one that opposes Ethernet frames (MAC frames) that area encapsulated by encapsulating part 17c. Ethernet frame data that has been converted to a SONET frame by inserting each STS path ID can be reliably transmitted to opposing ADM nodes ADM 50b~50d. Further, the opposing ADM nodes 50b~50d identify the received frame by filtering only ones having an indicated VLAN port ID for Ethernet frames that are contained in the received SONET frames.